ABSTRACT OF THE DISCLOSURE

Temperature data representing transition of a temperature distribution of a coating target with time lapse is calculated Subsequently, the integrated value of the amount of heat applied to the coating is calculated on the basis of the temperature data. The dry state of the coating is estimated on the basis of the integrated value of the heat amount. In order to estimate the dry state of the coating, the integrated value of the amount of heat applied to the coating and the threshold values for the dry judgment of the coating are compared with each other.